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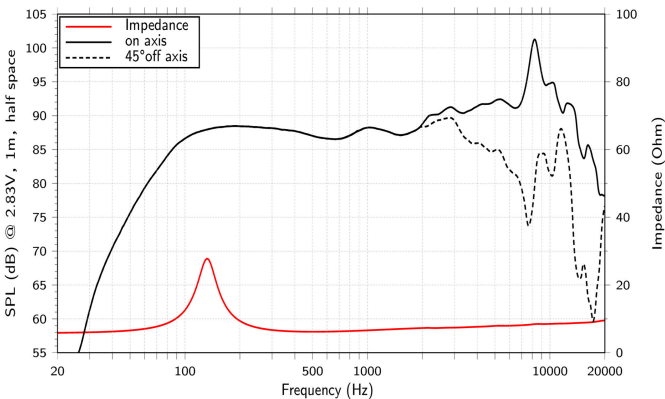
Lavoce

4" FULLRANGE

FERRITE MAGNET
STEEL BASKET DRIVER



- 1 INCH CCAW VOICE COIL
- 89 dB/SPL SENSITIVITY
- 80 WATT PROGRAM POWER HANDLING
- FEM OPTIMIZED MOTOR AND SUSPENSIONS
- COPPER RING FOR EXTENDED FREQUENCY RESPONSE
- RESONANCE FREE AND HEAVY DUTY STEEL BASKET DESIGN
- RUBBER SURROUND MATERIAL
- DESIGNED TO MEET IP55 REQUIREMENTS (WHEN INSTALLED AS SPECIFIED)



GENERAL SPECIFICATIONS

Nominal Diameter	100 mm (4 in)
Nominal Impedance	8 ohm
Minimum Impedance	6.2 ohm
Program Power	80 W Program power is defined as 3 dB greater than AES Power.
AES Power Rating	40 W Tested for two hours using a continuous, band-limited pink noise signal as per AES 2-1984 Rev. 2003. Loudspeaker tested in free air.
Sensitivity	89 dB From T/S parameters, measured with Klippel DA LPM module.
Frequency Range	110 ÷ 18000 Hz
Voice Coil Diameter	25 mm (1 in)
Chassis Material	STEEL
Magnet Material	FERRITE
Magnet Dimensions OD x ID x h	80 x 32 x 15 mm (3.15 x 1.26 x 0.59 in)
Coil Material	CCA W
Former Material	POLYIMIDE
Cone Material	WATER PROOF TREATED PAPER
Surround Material	RUBBER
Xmax	2.2 mm (0.09 in) The Xmax is calculated as: (Hvc - Hg)/2 + Hg/4. Hvc is the voice coil height and Hg the gap height.
Xmech	3.2 mm (0.13 in) The Xmech is calculated as: (Hvc - Hg)/2 + (Hg-2). Hvc is the voice coil height and Hg the gap height.
Gap Height	4 mm (0.16 in)
Voice Coil Winding Height	6.4 mm (0.25 in)
Driver Displacement Volume	0.18 l (0.006 ft³)
Recommended Enclosure	2.81 l (0.099 ft³)
Recommended Tuning Sealed	Sealed

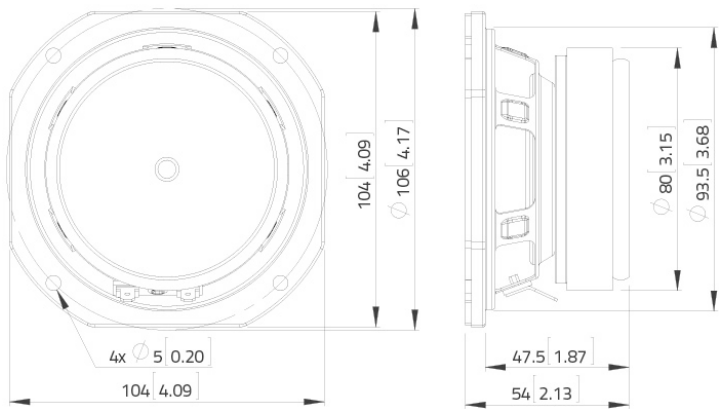
SMALL SIGNAL PARAMETERS

Thiele-Small parameters are measured after preconditioning: a) at 20°C- 22°C, 50% humidity for 2 hours; b) by Klippel LSI measurement.

All the specifications subject to change without notice.

DC Resistance (Re)	5.8 ohm
Diaphragm Area (Sd)	56 cm² (8.68 in²)
Resonance Frequency (Fs)	132 Hz
Moving Mass (Mms)	4.1 g (0.145 oz)
Compliance (Cms)	0.355 mm/N
Force Factor (BxL)	4.27 N/A
Mechanical Q-Factor (Qms)	4.09
Electrical Q-Factor (Qes)	1.07
Total Q-Factor (Qts)	0.85
Equivalent Air Volume (Vas)	1.57 l (0.055 ft³)
Voice Coil Inductance (Le)	0.05 mH
Reference Efficiency (Eta 0)	0.33 %
Efficiency Bandwidth Product (EBP)	123 Hz

DIMENSIONS



SHIPPING INFORMATION

Net Weight	0.72 kg (1.587 lb)
Multipack Quantity	18
Multipack size W x D x H	362 mm x 355 mm x 180 mm (14.3 in x 14 in x 7.1 in)
Multipack Weight	15.6 kg (34.39 lb)

